



**Total existing habitat area (est.):** 150 m<sup>2</sup>

Spawning area: 20 m<sup>2</sup>

Impounded area: 0 m<sup>2</sup>

Other rearing area: 130 m<sup>2</sup>

**Spawning Habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe spawning habitat:**

- The spawning opportunities are limited to the tailout of pools.
- This stream habitat above the road is more suitable for trout than for coho.

**Rearing habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe pond and other rearing habitat:**

- There is no pond habitat associated with this channel.
- There are some nice pools and riffles that provide good trout habitat.

**Describe unaccessible habitat:**

- Reach above the culvert was not surveyed.

**Describe wetland:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland

- There are no associated wetlands to this channel.

**Flooding potential:**  Low  Medium  High

- The system is subject to flashy flows from within and not from river flooding.

**Fish Information:**

**Site entry condition to Lake Creek:**  Poor  Fair  Good

- The stream enters in a small protected cove.

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- No coho were observed during the survey.

**Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout

- On 2/4/98 a trap was set and fished: one cutthroat trout, 15 - 20 cm was caught.

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type:

- Remove or replace culvert to pass fish.
- Maintain the integrity of the stream.

Equipment access: Good access to the culvert.

**Additional Comments:**

Verbal communications with Chris Byrnes (WDFW Habitat Manager: this road is a temporary access and is supposed to be abandoned when timber harvest is completed.

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

<input type="checkbox"/> Aerials	<input checked="" type="checkbox"/> Sketch	<input checked="" type="checkbox"/> Maps	<input checked="" type="checkbox"/> Culvert Report
<input type="checkbox"/> Other references	<input type="checkbox"/> Spawning surveys	<input checked="" type="checkbox"/> Juvenile trapping	<input type="checkbox"/> Fishway Report

**NORTH COAST OFF CHANNEL SURVEY**  
**SUBSEQUENT SITE EVALUATION FORM**

River System: Sol Duc

Site No.: S-313R-05  
Site Name: Unnamed  
WRIA: 20.0313B

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DATE: 2/4 - 2/5/98

OBSERVER: Nettnin

**MINNOW TRAPPING REPORT**

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH			CUTT	COTTID
					COHO UMRK	MRK	RBT		
1	2/4	7.5°C	2/5	8.0°C	0	0	0	1	0
TOTALS:					0	0	0	1	0

**COMMENTS:**

-Trap 1 was placed in the plunge pool of the culvert.

DATE: 5/20/98

OBSERVER: Nettnin

Channel was flowing about 0.03 - 0.05 cfs

WDFW FISH PASSAGE REPORTING FORM

LEVEL I - Facility/Barrier Identification

(1) CHECK ONE: [ ] Existing Fishway (includes baffled culverts)
[X] Man-made Fish Passage Problem

(2) STREAM: Unnamed (3) WRIA#/RM: 20.0313B / 0.06

(4) TRIBUTARY TO: Lake Creek (5) LEGAL(S,T,R): NE 1/4, Sec 6 T29N R13W

(6) LATITUDE/LONGITUDE:

(7) MILEPOST/ROAD: Travel north from Forks on Highway 101 to the T-line intersection (left at MP198.1). Turn left off the highway then right at the 4-way junction (100 ft). Continue up the road for 0.9 mile (A key for the gate can be gotten at the RTOC office in Forks) to the third second stream crossing (disregard perched wetland just past 20.0313G as a stream crossing). This is S-313R-05 (20.0313B).

(8) DESCRIPTION OF FISHWAY, FACILITY:

(9) DESCRIPTION OF BARRIER: Excessive Plunge, excessive slope, and pipe undersized.

(10) OWNER: ROTC

(11) FISH ACCESS UP TO BARRIER VERIFIED/PRIMARY SPECIES: One 15 - 20 cm cutthroat trout was captured in the plunge pool. / Trout

(12) HABITAT AVAILABLE ABOVE FISHWAY OR BARRIER:

- The reach above the culvert was not surveyed however, there does appear to be some trout habitat available there.
- Observations throughout the rest of the Lake Creek system indicate that this type of habitat is being well used.

(13) IDENTIFIED BY (agency/organization): WDFW - SSHEAR

(14) SUBMITTED BY/DATE OBSERVED: Nettnin / 2/4/98

(15) INVENTORY DESCRIPTOR: S-313R-05

LEVEL II - Culvert/Barrier Description

CULVERT:

(16) TYPE (Indicate number of each): [ ] concrete round
[ ] concrete box
(17) LENGTH: 60 ft [ ] smooth steel pipe
[X] CMP - Round, Steel, spiral wound
(18) DIAMETER: 2 ft [ ] CMP - Arch or Ellipse
[ ] Other:

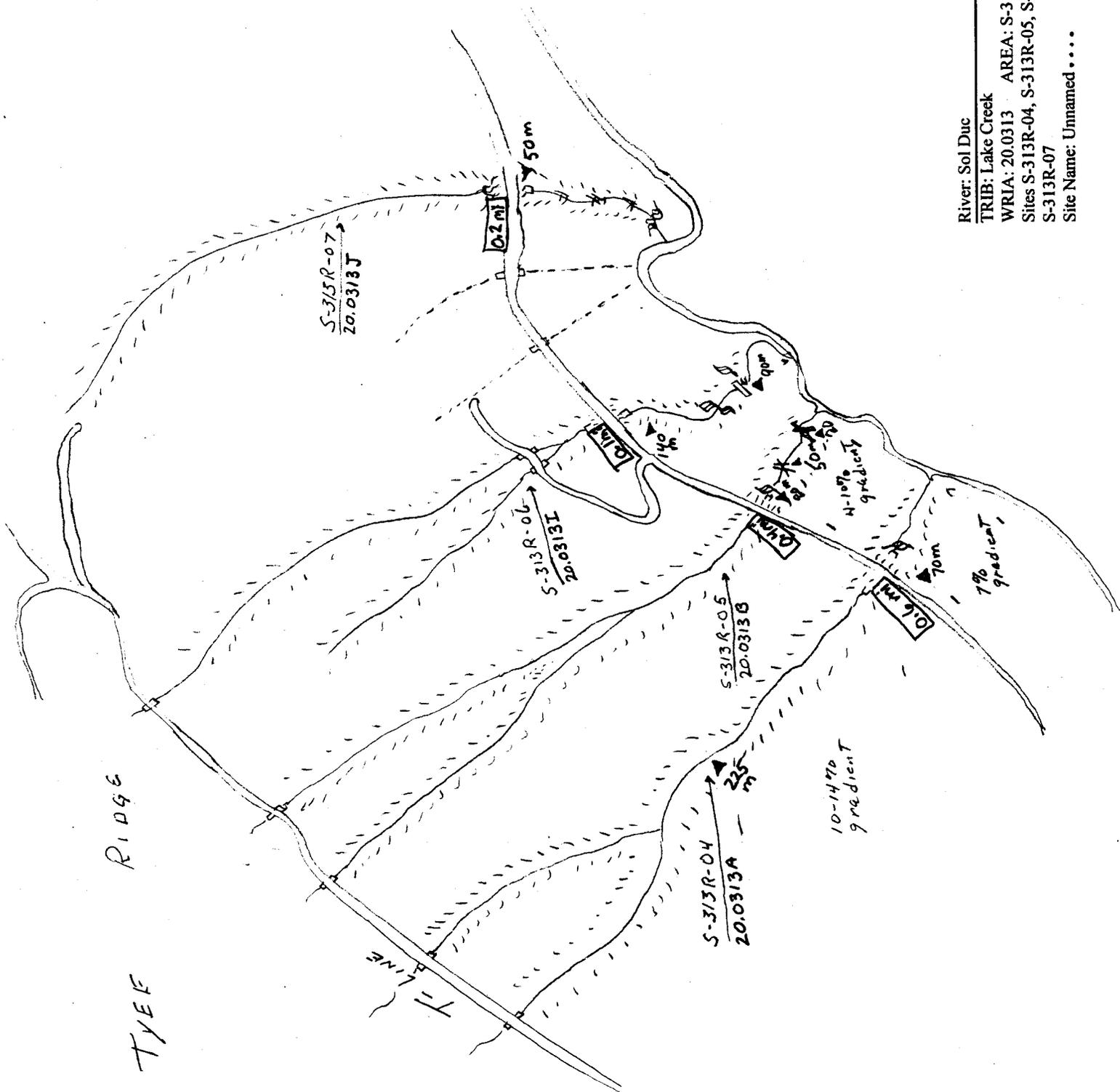
(19) WATER DEPTH: 0.1 ft (20) SLOPE: ~15% (21) VELOCITY: Unknown

(22) OUTFALL DROP: 4 ft

DAM:

(23) LENGTH: (24) HEIGHT:

COMMENTS: Verbal communications with Chris Byrnes (WDFW habitat Manager) this road was a temporary access and is supposed to be abandoned when timber harvest is completed. The last block of timber is scheduled to go this summer, perhaps we can get the road put to bed.



River: Sol Duc  
 TRIB: Lake Creek  
 WRJA: 20.0313 AREA: S-313R  
 Sites S-313R-04, S-313R-05, S-313R-06 & S-313R-07  
 Site Name: Unnamed.....

